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H. H. Bartlett

A LIST OF THE VASCULAR PLANTS OF THE DISTRICT OF COLUMBIA AND VICINITY.

Prepared for the use of the Botanical Society of Washington.

[by P. L. Ricker]

1906.

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PREFACE.

The systematic seminar of the Botanical Society of Washington is preparing a catalogue of all the plants known to grow without cultivation in the District of Columbia and vicinity. The region included is the same as Ward's Flora, a radius of twenty miles from the capitol. As Ward's Flora and its supplements are practically out of print, it has been thought advisable to bring together in one list the names already published, together with such additional species as are now known to occur in the region.

The names in Ward's Flora and its supplements are included under their original numbers in order to distinguish them from species not previously reported which are without numbers. The names have been revised mainly in accordance with Britton's Manual. Prof. C. F. Wheeler has donated for the use of the

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seminar a set of cards bearing the names clipped from the published lists of the District flora; and the undersigned has added a considerable number of species based mainly upon specimens in the National Herbarium. Numerous errors exist in the published lists, which have been corrected where known.

The purpose of this catalogue is to place a list of reported species in the hands of all interested in the work, for verification and assistance in preparing a more pretentious work, which it is expected will include keys, descriptions, and citation of specimens. It is expected that the lower cryptogams will be treated in the same way. Supplements to this list may be issued from time to time if the number of additions are sufficient, and those finding additions or corrections are requested to report them to the Chairmen of the Committees. It is

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desirable that authentic specimens of every species be deposited in the National Herbarium, for which purpose cases have been set aside.

The work of preparing the final list has been placed in the hands of several committees, some of which are as yet incomplete. They are as follows:

SPERMATOPHYTA.

A. S. Hitchcock.

Agnes Chase. J. H. Painter.

PTERIDOPHYTA.

Ivar Tidestrom.

Wm. R. Maxon.

BRYOPHYTA.

R. H. True. Agnes Chase.

THALLOPHYTA.

P. L. Ricker.

Flora W. Patterson. C. L. Shear.

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Families of plants will be assigned for critical study by the chairmen of the above committees.

P. L. Ricker,

Chairman of Seminar.

Washington, D. C.,

June 22, 1906.

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PLANTS OF THE DISTRICT OF COLUMBIA.

P T E R I D O P H Y T A.

OPHIOGLOSSACEAE.

Botrychium dissectum Spreng. 1245

B. ternatum dissectum Milde.

Botrychium neglectum Woods.

Botrychium obliquum Muhl. 1244

B. ternatum obliquum Milde.

Botrychium virginianum (L.) Sw. 1246

Ophioglossum vulgatum L. 1247

OSMUNDACEAE.

Osmunda cinnamomea L. 1243

Osmunda claytoniana L. 1242

Osmunda regalis, L. 1241

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POLYPODIACEAE.

Adiantum pedatum L. 1218

Asplenium acrosticoides Sw.

A. thelypteroides Michx. 1224

Aspidium filix-mas Sw. (err. det.) 1232

Asplenium angustifolium Michx. 1223

Asplenium ebenoides R. R. Scott. 1222b

Asplenium filix-foemina (L.) Bernh. 1225

Asplenium montanum Willd. 1225a

Asplenium pinnatifidum Nutt. 1222a

Asplenium platyneuron (L.) Oakes. 1222

A. ebeneum Ait.

Asplenium trichomanes L. 1221

Camptosorus rhizophyllus (L.) Link. 1226

Cheilanthes lanosa (Michx.) Watt. 1215

C. vestita Sw.

Dennstaedtia punctilobula (Michx.)Moore. 1239

Dicksonia pilosiuscula Willd.

Dryopteris cristata (L.) A. Gray. 1230

Adpidium cristatum Sw.

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Dryopteris golieana (Hook.) A. Gray. 1231

Aspidium goldieanum Hook.

Dryopteris marginalis (L.) A. Gray. 1233

Aspidium marginale Sw.

Dryopteris noveboracensis (L.) A. Gray. 1228

Aspidium noveboracense Sw.

Dryopteris spinulosa (Retz.) Kuntze. 1233a

Dryopteris spinulosa intermedia (Muhl.) Underw. 1234

Aspidium spinulosum intermedium Willd.

Dryopteris thelypteris (L.) A. Gray. 1229

Aspidium thelypteris Sw.

Filix bulbifera (L.) Underw. 1236a

Cystopteris bulbifera (L.) Bernh.

Filix fragilis (L.) Underw. 1236

Cystopteris fragilis (L.) Bernh.

Lygodium palmatum Sw. 1240

Matteuccia struthiopteris (L.) Todaro. 1237a

Onoclea struthiopteris (L.) Hoffm.

Onoclea sensibilis L. 1237

Pellaea atropurpurea (L.) Link. 1216

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Phegopteris hexagonoptera (Michx.) Fee. 1227

Polypodium vulgare L. 1214

Polystichum acrostichoides (Michx.) Schott. 1235

Aspidium acrostichoides Sw.

Pteridium aquilinum (L.) Kuhn. 1217

Pteris aquilina L.

Pteridium aquilinum pseudocaudatum Clute 1217a

Pteris aquilina pseudocaudata Clute.

Woodsia obtusa (Spreng.) Torr. 1238

Woodwardia areolata (L.) Moore. 1219

W. angustifolia Smith.

Woodwardia virginica (L.) Smith. 1220

EQUISETACEAE.

Equisetum arvense L. 1212

Equisetum hyemale L. 1213

Equisetum robustum A. Br. 1213a

LYCOPODIACEAE.

Lycopodium annotinum L. 1248a

Lycopodium alopecuroides L. 1248b

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Lycopodium clavatum L. 1248c

Lycopodium complanatum L. 1250

Lycopodium inundatum L. 1248a

Lycopodium lucidulum Michx. 1248

Lycopodium obscurum L. 1249

L. dendroideum Michx.

Lycopodium sabinaefolium Willd. 1251

L. complanatum sabinaefolium Spring.

SELAGINELLACEAE.

Selaginella apus (L.) Spring. 1253

Selaginella rupestris (L.) Spring. 1252

ISOETACEAE.

Isoetes engelmanni valida Engelm. 1253a

Isoetes saccharata Engelm. 1253c

I. riparia Engelm. (err. det.) 1253b

Isoetes saccharata palmeri A. A. Eaton. 1253d

Isoetes saccharata reticulata A.A.Eaton. 1253b

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S P E R M A T O P H Y T A.

PINACEAE.

Juniperus virginiana L.	1205
Pinus echinata Mill.	1209
P. mitis Michx.	
Pinus glabra Walter.	1207b
Pinus pungens Michx.	1207
Pinus rigida Miller.	1206
Pinus strobus L.	1210
Pinus taeda L.	1207a
Pinus virginiana Mill.	1208
P. inops Ait.	
Taxodium distichum (L.) L. C. Rich.	1205a
Tsuga canadensis (L.) Carriere.	1211

TYPHACEAE.

Typha angustifolia L.	881
Typha latifolia L.	880

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SPARGANIACEAE.

Sparganium androcladum (Engelm.) Morong. 883

S. simplex androcladum Gray.

Sparganium eurycarpum Engelm. 882

POTAMOGETONACEAE.

Potamogeton amplifolius Tuckerm. 885a

Potamogeton crispus L.

Potamogeton diversifolius Raf. 887

P. hybridus Michx.

Potamogeton foliosus Raf. 891

P. pauciflorus Pursh.

Potamogeton lonchites Tucherm. 888

P. natans L. (err. det.) 915

Potamogeton lucens L. 889

Potamogeton nuttallii Cham. & Sch. 886

P. claytonii Tuckerm.

Potamogeton pectinatus L. 892

Potamogeton perfoliatus L. 890

Potamogeton robbinsii Oakes. 888a

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Potamogeton zosteraefolius Schum.

NAIADACEAE.

Naias flexilis (Willd.) Rostk. & Schm. 884

Zannichellia palustris L. 884a

ALISMACEAE.

Alisma plantago-aquática L. 893

A. plantago americanum Gray.

Echinodorus radicans (Nutt.) Engelm. 893a

Lophotocarpus calycinus (Engelm.) J. G. Smith. 893a

Sagittaria engelmanniana J. G. Smith. 894a

Sagittaria latifolia Willd. 894

S. variabilis Engelm.

Sagittaria latifolia Willd. 895

S. variabilis angustifolia Gray.

Sagittaria longirostra (Micheli) J.G.Smith 894c

Sagittaria rigida Pursh. 896

S. heterophylla Pursh.

Sagittaria subulata (L.) Buchenau. 897

S. pusilla Nutt.

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VALLISNERIACEAE.

Philotria canadensis (Michx.) Britton. 898

Anacharis canadensis Planchon.

Vallisneria spiralis L. 899

POACEAE.

Agropyron repens (L.) Beauv. 1160

Triticum repens L.

Agrostis alba L. 1103

Agrostis alba aristata Gray.

Agrostis alba vulgaris (With.) Thurb.

Agrostis hyemalis (Walt.) B. S. P. 1103

A. scabra Willd.

Agrostis perennans (Walt.) Tuckerm. 1104a

A. intermedia Scribn. 1102a

A. elata Trin. (err. det.) 1104a

Aira caryophyllea L. 1169

Alopecurus geniculatus L. 1098

Alopecurus geniculatus L. 1099

A. geniculatus aristulatus Steud.

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Andropogon argyraeus Schultes. 1201

A. argenteus Ell.

Andropogon corymbosus (Chapm.) Nash. 1203

A. macrourus Michx. (err. det.)

A. glomeratus (Walt.) B.S.P. (err. det.)

Andropogon elliottii Chapm. 1203a

Andropogon furcatus Muhl. 1199

Andropogon scoparius Michx. 1200

Andropogon virginicus L. 1202

Anthoxanthum odoratum L. 1171

Aristida dichotoma Michx. 1116

Aristida gracilis Ell. 1117

Aristida oligantha Michx. 1118

Aristida purpurascens Poir. 1119

Arrhenatherum elatius (L.) Beauv.

Brachyeltrum erectum (Schrab.) Beauv. 1113

B. aristatum Beauv.

Bromus ciliatus L. 1154

Bromus hordeaceus L. 1153

B. mollis L.

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Bromus hordeaceus glabrescens (Coss.) Shear.

Bromus inermis Leyss. 1151b

Bromus maximus Desf. 1151d

Bromus purgans L. 1155

B. ciliatus purgans Gray.

Bromus purgans incanus Shear. 1151c

Bromus racemosus L. 1152

Bromus racemosus commutatus (Schrad.) Hook. f.

Bromus secalinus L. 1151

Bromus sterilis L. 1156

Bromus tectorum L.

Bromus unioloides (Willd.) H.B.K. 1151a

Calamagrostis canadensis Beauv. 1114a

Calamagrostis cinnoides (Muhl.) Scribn. 1114

C. nuttalliana Steud.

Capriola dactylon (L.) Kuntze. 1122

Cynodon dactylon Pers.

Cenchrus tribuloides L. 1196

Chaetochloa glauca (L.) Scribn. 1194

Setaria glauca Beauv.

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Chaetochloa imberbis perennis (Hall.) S. & M. 1193a

Chaetochloa italica (L.) Scribn. 1195a

Setaria italica Kunth.

Chaetochloa verticillata (L.) Scribn. 1193

Setaria verticillata Beauv.

Chaetochloa viridis (L.) Scribn. 1195

Setaria viridis Beauv.

Cinna arundinacea L. 1106

Cinna latifolia (Trev.) Griseb.

Dactylis glomerata L. 1125

Danthonia sericea Nutt. 1166a

Danthonia spicata (L.) Beauv. 1166

Deschampsia flexuosa (L.) Trin. 1168

Aira flexuosa L

Echinochloa crus-galli (L.) Beauv. 1191

Panicum crus-galli L.

Echinochloa walteri (Pursh.) Nash. 1191a

Panicum Walteri Pursh.

Eatonia glabra Nash.

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Eatonia nitida (Sereng.) Nash. 1126a

E. dudleyi Vasey.

Eatonia pennsylvanica Gray. 1126

Eatonia pennsylvanica X Trisetum palustre L. 1226b

Echinochloa walteri (Pursh.) Nash. 1192

Panicum crus-galli hispidum Gray.

Eleusine indica (L.) Gaertn. 1123

Elymus australis Scribn. & Ball.

Elymus canadensis L. 1162

Elymus glabriflorus (Vas.) Scribn. & Ball.

Elymus hirsutiglumis Scribn.

Elymus striatus Willd. 1163

Elymus striatus Willd. 1164

E. striatus villosus Gray.

Elymus virginicus L. 1161

Eragrostis capillaris (L.) Nees. 1144

Eragrostis eragrostis (L.) Karst. 1140

E. poaeoides Beauv.

Eragrostis frankii Steud. 1142

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Eragrostis hypnoides (Lam.) B.S.P.	1139
E. reptans Nees.	
Eragrostis major Host.	1141
E. poaeoides megastachya Gray.	
Eragrostis pectinacea (Michx.) Steud.	1145
Eragrostis pilosa (L.) Beauv.	1143a
Eragrostis purshii Schrad.	1143
Erianthus compactus Nash.	1198
E. alopecuroides Ell. (err. det.)	
Festuca elatior L.	1149
Festuca myurus L.	1146
Festuca nutans Willd.	1150
Festuca octoflora Walt.	1147
F. tenella Willd.	
Festuca ovina L.	1148
Gymnopogon ambiguus (Michx.) B.S.P.	1121
G. racemosus Beauv.	
Holcus lanatus L.	1170
Homalocenchrus oryzoides (L.) Poll.	1096
Leersia oryzoides Sw.	

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Homalocenchrus virginicus (Willd.) Britton. 1095

Leersia virginica Willd.

Hordeum jubatum L. 1160a

Hordeum murinum L. 1156b

Hordeum nodosum L. 1160b

H. pratense Huds.

Hordeum pusillum Nutt. 1156a

Hystrix hystrix (L.) Millsp. 1165

Gymnostichum hystrix Schreb.

Leptochloa fascicularis (Lam.) A. Gray. 1123a

Lolium perenne L. 1159

Melica mutica Walt. 1127

Muhlenbergia capillaris (Lam.) Trin. 1112

Muhlenbergia mexicana (L.) Trin. 1108

Muhlenbergia palustris Scribn. 1111a

Muhlenbergia schreberi Gmel. 1111

M. diffusa Willd.

Muhlenbergia sobolifera (Muhl.) Trin. 1107

Muhlenbergia sylvatica Torr. 1109

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Muhlenbergia tenuiflora (Willd.) B.S.P. 1110

M. Willdenovii Trin.

Panicularia canadensis (Michx.) Kuntze. 1129

Glyceria aquatica Smith.

Panicularia fluitans (L.) Kuntze. 1130

Glyceria fluitans R. Br.

Panicularia nervata (Willd.) Kuntze. 1128

Glyceria nervata Trin.

Panicularia obtusa (Muhl.) Kuntze. 1130a

Glyceria obtusa Trin.

Panicularia pallida (Torr.) Kuntze. 1128a

Glyceria pallida Trin.

Panicum anceps Michx. 1177

Panicum annulum Ashe.

Panicum ashei Pearson.

Panicum atlanticum Ashe.

Panicum barbulatum Michx.

Panicum bicknellii Nash.

Panicum boreale Nash.

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Panicum capillare L.	1180
Panicum capillare gattingeri Nash.	1180c
Panicum clandestinum L.	1184
Panicum columbianum Scribn.	
Panicum commutatum Schultes.	1183a
Panicum condensum Nash.	
Panicum depauperatum Muhl.	1189
Panicum dichotomum L.	1188
P. ramulosum Michx.	1188a
Panicum flexile (Gatt.) Scribn.	
Panicum lanuginosum Ell.	1188c
Panicum latifolium L.	1182
Panicum laxiflorum Lam.	
Panicum lindheimeri Nash.	
Panicum linearifolium Scribn.	1189a
Panicum longifolium Torr.	1178a
P. agrostoides Spreng. (err. det.)	1178
Panicum lucidum Ashe.	
Panicum meridionale Ashe.	
Panicum miliaceum L.	1192a

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Panicum philadelphicum Bernh.	1180b
P. minus (Muhl.) Nash.	
P. minimum S. & M.	1180d
P. capillare minima Engelm.	1180a
Panicum polyanthes Schultes.	1185
P. microcarpon Muhl.	
Panicum proliferum Lam.	1179
Panicum pubifolium Nash.	1183
P. latifolium molle Vasey.	
Panicum ravenelii S. & M.	
Panicum scoparium Lam.	
P. viscidum Ell.	1186
P. pubescens Lam.	1188d
Panicum scribnerianum Nash.	1188e
Panicum scribnerianum Nash.	1187
P. pauciflorum Ell. (err. det.)	
Panicum sphaerocarpon Ell.	
Panicum stipitatum Nash.	
Panicum verrucosum Muhl.	1190
Panicum virgatum L.	1181

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Panicum yadkinense Ashe.

Paspalum angustifolium Le Conte.

Paspalum ciliatifolium Michx.

Paspalum laeve Michx. 1174

Paspalum muhlenbergii Nash.

Paspalum plenipilum Nash.

Paspalum pubescens Muhl.

Paspalum setaceum Michx. 1173

Phalaris canariensis L. 1172

Phleum pratense L. 1100

Poa alsodes A. Gray.

Poa annua L. 1131

Poa autumnalis Muhl. 1137

P. flexuosa Muhl.

Poa brachyphylla Schultes. 1138

P. brevifolia Muhl. not Gaud.

Poa compressa L. 1132

Poa compressa gracilis (Oakes?). 1133

Poa flava L. 1137a

Poa pratensis L. 1134

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Poa sylvestris Gray. 1136

Poa trivialis L. 1135

Sieglingia seslerioides (Michx.) Scribn.

Tricuspis seslerioides Torr. 1124

T. seslerioides pallida Holm. 1124a

Sorghastrum nutans (L.) Nash. 1204

Sorghum nutans Gray.

Sorghum halepense (L.) Pers. 1204a

Andropogon halepensis (L.) Brot.

Spartina cynosuroides Willd. 1120

Sporobolus longifolius (Torr.) Wood. 1101

Vilfa aspera Beauv.

Sporobolus vaginaeflorus (Torr.) Wood.

Stipa avenacea L. 1115

Syntherisma filiformis (L.) Nash. 1175

Panicum filiforme L.

Syntherisma linearis (Krock.) Nash.

Syntherisma sanguinalis (L.) Nash. 1176

Panicum sanguinale L.

Tripsacum dactyloides L. 1197

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Trisetum palustre Torr.	1167
Uniola latifolia Michx.	1157
Uniola laxa (L.) B.S.P.	1158
U. gracilis Michx.	
Zizania aquatica L.	1097

CYPERACEAE.

Carex alopecoidea Tuckerm.	1030b
Carex stricta Lam.	1048
C. angustata Boott.	
Carex bromoides Schk.	1028
Carex bullata Schk.	1094
Carex canescens L.	1035e
Carex careyana Torr.	1064
Carex caroliniana Schwein.	1062a
Carex cephalophora Muhl.	1033
Carex conjuncta Booth.	1030a
Carex costellata Britt.	1061a
Carex crinita Lam.	1049

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Carex cristatella Britt. 1041

C. cristata Schw.

Carex debilis pubera A. Gray.

Carex decomposita Muhl. 1029

Carex digitalis Willd. 1066

Carex muricata L. 1031b

C. divulsa Good. (err. det.)

Carex varia Muhl. 1076

C. emmonsii Dew.

Carex foenea Willd. 1042

Carex folliculata L. 1091

Carex frankii Kunth. 1093

C. stenolepis Torr.

Carex fusca All. 1051b

Carex glaucodea Tuckerm. 1055

C. glaucodea Porter.

Carex goodenovii J. Gay. 1046

C. vulgaris Fries.

Carex gracillima Schw. 1059

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Carex granularis Muhl.	1054
Carex gravida Bailey.	1030c
Carex grisea Wahl.	1058
Carex gynandra Schw.	1050
Carex hirta L.	
Carex hitchcockiana Dew.	1073
Carex hystricina Willd.	1087
Carex interior Bailey.	1035c
Carex interior capillacea Bailey.	1035d
Carex intumescens Rudge.	1089
Carex jamesii Schw.	1027
C. steudelii Kunth.	
Carex lagopodioides Schk.	1040
Carex lanuginosa Michx.	1051a
Carex laxiculmis Schw.	1065
C. retrocurva Dew.	
Carex laxiflora Lam.	1067
Carex laxiflora blanda Sulliv.	1071
Carex laxiflora divaricata Bailey.	1072a
Carex laxiflora gracillima Boott.	1072

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Carex laxiflora intermedia Boott. 1070

Carex laxiflora varians Bail. 1072c

Carex leavenworthii Dew. 1034

C. cephalophora angustifolia Boott.

Carex leptalea Wahl. 1025

C. polytrichoides Muhl.

Carex lupulina Muhl. 1090

Carex lurida Wahl. 1088

C. tentaculata Muhl.

Carex lurida exundans Bail. 1088a

Carex muhlenbergii Schk. 1035

Carex muricata L. 1031a

Carex nigro-marginata Schw. 1077

Carex oligocarpa Schk. 1074

Carex pallescens L. 1056

Carex pallescens undulata Gray. 1057

Carex pedicellata (Dew.) Britt. 1078a

C. communis Bailey.

Carex pedicellata wheeleri (Bail.)Britt. 1078b

C. communis wheeleri Bail.

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Carex pennsylvanica Lam. 1078

Carex platyphylla Carey. 1063

Carex pseudo-cyperus L. 1086

Carex pseudo-cyperus comosa Boott. 1085

C. comosa Boott.

Carex plantaginea Lam. 1069

C. laxiflora plantaginea Boott.

Carex prasina Wahl. 1081

C. miliacea Muhl.

Carex pubescens Muhl. 1080

Carex riparia Curtis. 1084

Carex rosea Schk. 1036

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Carex scoparia Schk. 1039

Carex scorsa C. E. Howe.

Carex setacea Dewey. 1040b

Carex shortiana Dew. 1051

Carex sparganioides Muhl. 1032

Carex squarrosa L. 1092

Carex stellulata Gooden. 1038

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Carex stellulata cephalantha Fernald. 1038a

Carex stipata Muhl. 1031

Carex straminea Schk. 1043

Carex stricta angustata (Boott.) Bail. 1048a

Carex styloflexa Buchl. 1068

C. laxiflora styloflexa Boott.

Carex tenera Dew.

C. straminea tenera Boott. 1044

C. straminea aperta Boott. 1045

Carex tenuis Rudge. 1082

C. debilis Michx. (err. det.)

Carex tetanica Schk. 1052

C. tetanica woodii Olney. 1053

Carex texensis (Torr.) Bail.

Carex torta Boott. 1047

Carex tribuloides Wahl. 1040a

Carex tribuloides moniliformis (Tuckerm) Britt. 1040c

Carex triceps Michx. 1062

Carex typhinoides Schwein. 1092a

Carex umbellata Schk. 1075

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Carex varia Muhl.	1079
Carex vestita Willd.	1083
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Carex virescens elliptica Olney.	1061
Carex vulpinoidea Michx.	1030
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Cyperus erythrorhizos Muhl.	990
Cyperus esculentus L.	992
C. phymatodes Muhl.	
Cyperus filiculmis Vahl.	995
Cyperus flavescens L.	986b
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Cyperus inflexus Muhl.	990a
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Cyperus retrofractus (L.) Torr.	998
Cyperus rivularis Kunth.	988
C. diandrus castaneus Torr.	
Cyperus rivularis eluta Clarke.	987a
Cyperus rotundus L.	991b
Cyperus speciosus Vahl.	994
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Cyperus virens Michx.	991
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Eleocharis acuminata (Muhl.) Nees	1004
E. compressa Sulliv.	
Eleocharis capitata (L.) R. Br.	1003b
Eleocharis engelmanni Stend.	1002a

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Eleocharis intermedia (Muhl. Schultes. 1004a

Eleocharis obtusa Schultes. 1002

Eleocharis obtusa jejuna Fernald. 1002b

Eleocharis olivacea Torr. 1003a

Eleocharis palustris (L.) R. & S. 1003

Eleocharis mutata (L.) R. & S. 1001

E. quadrangulata R. & S.

Eleocharis tenuis (Willd.) Schultes. 1005

Eleocharis tuberculosa (Michx.) R. & S. 1006a

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Fimbristylis autumnalis (L.) R. & S. 1018

Fimbristylis laxa Vahl. 1018a

Fuirena squarrosa Michx. 1000

Hemicarpha micrantha (Vahl.) Britt. 1000a

H. subsquarrosa Nees.

Kyllinga pumila Michx. 999a

Rynchospora alba (L.) Vahl. 1020

Rynchospora axillaris (Lam.) Britt. 1021a

R. cephalantha Gray.

Rynchospora corniculata (Lam.) Gray. 1021c

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Rynchospora corniculata Macrostachya (Torr.) Britt. 1021b
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Rynchospora cymosa Ell. 1020b

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S. eriophorum Michx.

Scirpus debilis Pursh. 1010

Scirpus fluviatilis (Torr.) Gray. 1011

Scirpus lacustris L. 1009

S. validus Vahl.

Scirpus lineatus Michx. 1015

Scirpus planifolius Muhl. 1007

Scirpus polyphyllus Vahl. 1014

Scirpus sylvaticus L. 1012

Scleria oligantha Michx. 1023

Scleria pauciflora Muhl. 1024

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Scleria reticularis Michx. 1024a

Scleria reticularis pubescens Britt. 1024b

Scleria triglomerata Michx. 1022

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Arisaema pusillum (Pk.) Nash.

Arisaema triphyllum (L.) Torr. 873

Orontium aquaticum L. 877

Peltandra heterophylla Raf.

Peltandra virginica Raf. 875

Spathyema foetida (L.) Raf. 876

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Lemna minor L. 879b

Lemna perpusilla Torr. 879a

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Spirodela polyrhiza (L.) Schleid. 879

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Commelina hirtella Vahl. 982

Commelina virginica L. 983

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Schollera graminea Willd.

Heteranthera reniformis R. & P. 980

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Pontederia cordata L. 979

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Juncoides campestre (L.) Kuntze. 964

Luzula campestris DC.

Juncus acuminatus Michx. 974

J. acuminatus legitimus Engelm.

Juncus aristulatus Michx. 973

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Juncus effusus L. 965

Juncus gerardi Lois. 969

Juncus marginatus Rostk. 971

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Juncus setaceus Roth.
Great Falls + Annapolis.

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Juncus marginatus Rostk. 972

J. marginatus vulgaris Engelm.

Juncus scirpoides Lam. 975

J. scirpoides macrostemon Engelm.

Juncus secundus Beauv. 967

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Juncus tenuis Willd. 966

Juncus torreyi Coville. 976

J. nodosus megacephalus Torr.

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C. carolinianum Willd.

Melanthium virginicum L. 956

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T. pubens Pers.

Uvularia perfoliata L. 952

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Allium cernuum Roth.	940
Allium sativum L.	942a
Allium tricoccum Ait.	939
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Erythronium americanum Kerr.	950
Hemerocallis fulva L.	963
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Lilium superbum L.	949
Muscari botryoides (L.) Mill.	962
Muscari racemosa (L.) Mill.	962a
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Salomonia biflora (Walt.) Britt. 943

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Smilacina stellata Desf.

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Smilax pseudo-china L. 936

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Iris cristata Ait. 928

Iris pseudacorus L. 928a

Iris verna L. 927

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Sisyrinchium angustifolium Mill. 931

S. mucronatum Michx.

Sisyrinchium graminoides Bicknell. 930

S. anceps L.

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Dioscorea paniculata Mx.
Dioscorea glauca Mchl.
paniculata v. glabrifolia
Barlene
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ORCHIDACEAE.

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Microstylis ophioglossoides Nutt.

Aplectrum spicatum (Walt.) B.S.P. 920

A. hyemale Nutt.

Blephariglottis blephariglottis (L.)Rydb.

Blephariglottis ciliaris (L.) Rydb. 903

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Blephariglottis lacera (Michx.) Rydb. 904

Habenaria lacera R. Br.

Blephariglottis paramoena (Gray) Rydb. 904a

Habenaria peramoena A. Gray.

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Galeorchis spectabilis (L.) Rydb. 900

Orchis spectabilis L.

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Spiranthes graminea walteri Gray.

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Leptorchis loeselii (L.) MacM. 917

Liparis loeselii Richard.

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Calopogon pulchellus R. Br.

Peramium pubescens (Willd.) MacM. 905

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Perularia flava (L.) Rydb. 902

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Pogonia ophioglossoides (L.) Ker. 911

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T. discolor Nutt.

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Salix babylonica L.	859
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Salix fluviatilis Nutt.	860
S. longifolia Muhl.	
Salix fragilis X alba Wimmer.	856
Salix humilis Marshall.	861
Salix nigra Marshall.	853
Salix nigra falcata (Pursh.) Torr.	854
Salix purpurea L.	866
Salix sericea Marshall.	863
Salix tristis Ait.	862
Salix wardii Bebb.	855
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MYRICACEAE.

Comptonia peregrina (L.) Coult.	825a
C. asplenifolia Ait.	
Myrica cerifera L.	825

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Hicoria glabra (Mill.) Britt.	821
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Hicoria microcarpa (Nutt.) Britt.	819
Carya microcarpa Nutt.	
Hicoria minima (Marsh.) Britt.	822
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Hicoria ovata (Mill.) Britt.	818
Carya alba Nutt.	
Juglans cinerea L.	824
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A. serrulata Ait.	
Betula lenta L.	826a
Betula nigra L.	826
Carpinus caroliniana Walt.	828
Corylus americana Walt.	830
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Q. muhlenbergii Engelm.	
Quercus alba L.	831
Quercus alba X obtusiloba.	831a

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Quercus alba X prinus.	831b
Quercus coccinea Wang.	840
Quercus coccinea X falcata.	840a
Quercus digitata (Marsh.) Sudw.	842
Q. falcata Michx.	
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Quercus heterophylla Michx.	849
Quercus imbricaria Michx.	846
Quercus leana Nutt.	848
Quercus lyrata Walter.	833a
Quercus macrocarpa Michx.	833
Quercus michauxii Nutt.	835
Quercus minor (Marsh.) Sarg.	832
Q. stellata Wang.	
Quercus nana (Marsh.) Sarg.	843
Q. ilicifolia Wang.	
Quercus nigra L.	845
Quercus obtusiloba X alba.	832a
Quercus palustris Du Roi.	844
Quercus phellos L.	847

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Quercus platanoides (Lam.) Sudw.	834
Q. bicolor Willd.	
Quercus prinoides Willd.	838
Quercus prinus L.	836
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Quercus rubra L.	839
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Ulmus americana L.	805
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Humulus japonicus Sieb.	807a
Humulus lupulus L.	807
Morus alba L.	811
Morus alba tartarica Sieb & Zucc.	811a

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Morus rubra L. 810

Toxylon pomiferum Raf. 809

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URTICACEAE.

Adicea pumila (L.) Raf. 814

Piles pumila Gray.

Boehmeria cylindrica (L.) Willd. 815

Parietaria pennsylvanica Muhl. 816

Urtica dioica L. 812

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Asarum canadense L. 787

Asarum reflexum ambiguum Bickn. 787a

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Polygonum arifolium L. 774

Polygonum aviculare L. 772

Polygonum convolvulus L. 776

Polygonum cristatum Engelm. 778a

Polygonum dumetorum L. 777

Polygonum emersum (Michx.) Britt.

P. muhlenbergii Wats. 769a

P. amphibium terrestre Willd. 770

Polygonum erectum L. 773

Polygonum hartwrightii Gray. 775a

Polygonum hydropiper L. 776

Polygonum hydropiperoides Michx. 768

Polygonum incarnatum Ell. 764

Polygonum orientale L. 762

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Polygonum pennsylvanicum L. 763

Polygonum persicaria L. 765

Polygonum punctatum Ell. 767

P. acre H.B.K.

Polygonum sagittatum L. 775

Polygonum scandens L. 778

P. dumetorum scandens Gray.

Polygonum tenue Michx. 773a

Polygonum virginianum L. 771

Rumex acetosella L. 785

Rumex britannica L. 780

Rumex crispus L. 782

Rumex crispus X obtusifolius Gray. 784

Rumex obtusifolius L. 783

Rumex patientia L. 780

Rumex verticillatus L. 781

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Atriplex hastata L. 759

A. patula hastata Gray.

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Chenopodium album L. 752

Chenopodium ambrosioides L. 757

Chenopodium anthelminticum L. 758

C. ambrosioides anthelminticum Gray.

Chenopodium boscianum Moq. 753

Chenopodium botrys L. 756

Chenopodium murale L. 755

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Chenopodium urbicum L. 754

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Acnida tamariscina (Nutt.) Wood. 751a

Amaranthus blitoides S. Wats. 749a

Amaranthus graecizans L. 749

A. albus L.

Amaranthus hybridus L. 748a

A. chlorostachys Willd.

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Amaranthus hybridus paniculatus (L.) Uline & Bray. 747

A. paniculatus L.

Amaranthus retroflexus L. 748

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Portutaca grandiflora Hook. 125a

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Agrostemma githago L. 110

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Alsine graminea (L.) Britt. 117a

Stellaria graminea L.

Alsine longifolia (Muhl.) Britt. 117

Stellaria longifolia Muhl.

Alsine media L.

Stellaria media Smith. 115

Stellaria neglecta Weihe. 115a

Alsine pubera (Michx.) Britt. 116

Stellaria pubera Michx.

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A. dichotoma capillacea Torr.

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Arenaria serpyllifolia L. 118

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A. michauxii Hook.

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C. nutans Raf.

Cerastium arvense oblongifolium(Torr.) Holl. & Britt. 114

C. oblongifolium Torr.

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Cerastium vulgatum L.	112
Dianthus armeria L.	103
Lychnis alba Mill.	110a
L. vespertina Sibth.	
Paronychia dichotoma Nutt.	124
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Saponaria officinalis L.	104
Scleranthus annuus L.	124a
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S. nivea DC.	
Silene antirrhina L.	109
Silene antirrhina divaricata Robinson.	109a
Silene armeria L.	108
Silene carolinana Walt.	107
S. pennsylvanica Michx.	
Silene noctiflora L.	107a
Silene stellata Ait.	105
Tissa rubra (L.) Britt.	121
Lepigonum rubrum Fries.	

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Vaccaria vaccaria (L.) Britt. 1[illegible]

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NYMPHAEACEAE.

Brasenia purpurea (Michx.) Casp. 36

B. peltata Pursh.

Cabomba caroliniana A. Gray. [illegible]

Castalia odorata (Dryand.) Woodv. & Wood. 3[illegible]

Nymphaea odorata Ait.

Castalia tuberosa (Paine) Greene. [illegible]

Nymphaea tuberosa Paine.

Nymphaea advena Soland. 37

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Ceratophyllum demersum L. 872

RANUNCULACEAE.

Aconitum uncinatum L. 26

Anemone Canadensis L. 9[illegible]

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Anemone quinquefolia L. 10

A. nemorosa Michx.

Anemone virginiana L. 9

Aquilegia canadensis L. 23

Cimicifuga racemosa Nutt. 27

Clematis ochroleuca Ait. 1

Clematis viorna L. 2

Clematis virginiana L. 3

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Delphinium tricorne Michx. 24

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Caltha palustris L. (err. det.)

Hepatica hepatica (L.) Karst. 11

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Ranunculus repens hispidus Torr & Gray. 19

Ranunculus micranthus Nutt. 15

R. abortivus micranthus Gray.

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Ranunculus obtusiusculus Raf. 12

R. ambigens Wats.

Ranunculus pennsylvanicus L. 20a

Ranunculus pusillus Poir. 13

Ranunculus recurvatus Poir. 17

Ranunculus repens L. 18

Ranunculus sceleratus L. 16

Ranunculus septentrionalis Poir. 20b

R. repens nitidus Chapm. 20

Syndesmon thalictroides (L.) Hoffmg. 4

Thalictrum anemonoides Michx.

Thalictrum coriaceum (Britt.) Small. 7a

Thalictrum dioicum L. 5

Thalictrum polygamum Muhl. 8

T. cornuti L.

Thalictrum purpurascens L. 6

T. purpurascens ceriferum C.F. Austin. 7

Trautvetteria carolinensis (Walt.) Vail. 11a

T. palmata F. & M.

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BERBERIDACEAE.

Berberis vulgaris L.	32
Caulophyllum thalictroides (L.) Michx.	33
Jeffersonia diphylla (L.) Pers.	34
Podophyllum peltatum L.	35

MENISPERMACEAE.

Menispermum canadense L.	31

MAGNOLIACEAE.

Liriodendron tulipifera L.	29
Magnolia virginiana L.	28
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